

AMENDMENTS TO THE SPECIFICATION

**Please replace section beginning on page 8, line 25 and ending on page 11, line 2
with the following amended section:**

In order to achieve another aspect of the present invention, the present invention provides a ~~potable~~-portable information device including a body and a fuel cell which is held on the body. The fuel cell includes a fuel cell main unit and a vibration generating unit. The fuel cell main unit is arranged in the body, includes a fuel electrode and an oxidant electrode, and generates electric power based on supplying of organic liquid fuel to the fuel electrode and oxidant to the oxidant electrode. The vibration generating unit is arranged in the body and generates vibration to vibrate the fuel electrode such that carbon dioxide generated at the fuel electrode is removed.

The ~~potable~~-portable information device of the present invention, further includes: a control unit which controls an operation of the vibration generating unit based on an output of the fuel cell main unit.

In the ~~potable~~-portable information device of the present invention, the fuel cell further includes: a power applying unit which outputs alternating electric power to the vibration generating unit, wherein the vibration generating unit is driven by the alternating electric power.

In the ~~potable~~-portable information device of the present invention, the vibration generating unit is driven by a part of an output of the fuel cell main unit.

In the ~~potable~~-portable information device of the present invention, the vibration generating unit includes a piezoelectric vibrator which generates the vibration.

In the ~~petable~~-portable information device of the present invention, the vibration generating unit is arranged on the fuel cell main unit.

In the ~~petable~~-portable information device of the present invention, the fuel cell further includes: a holding substrate on which holds the fuel cell main unit and the vibration generating unit. The holding substrate transmits the vibration to the fuel cell main unit.

In the ~~petable~~-portable information device of the present invention, the fuel cell main unit includes a porous current collector that is coated by hydrophilic coating material.

In the ~~petable~~-portable information device of the present invention, the fuel cell main unit includes a porous current collector that is coated by hydrophobic coating material.

In the ~~petable~~-portable information device of the present invention, the fuel electrode includes: a current collector; and a fuel electrode catalyst layer. One side of the fuel electrode catalyst layer is connected to the current collector and another side is connect to a polymer electrolyte membrane. The current collector has holes which penetrate the current collector, diameters of the holes at a side of the fuel electrode catalyst layer are smaller than those at an opposite side.

In the ~~petable~~-portable information device of the present invention, the body includes an outer body; an inner body which is contained in the outer body; and a vibration damping material which connects the outer body and the inner body. The fuel cell is held on the inner body.

In the ~~petable~~-portable information device of the present invention, further includes an information notifying unit which is arranged on the inner body, transmits the vibration to the outer body and notifies information to a user by vibrating the outer body based on the vibration.

In the ~~petable~~-portable information device of the present invention, the vibration generating unit is combined with a information notifying unit which transmits the vibration to the body and notifies information to a user by vibrating the body based on the vibration.

In the ~~petable~~-portable information device of the present invention, the vibration damping material includes butyl rubber.